



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Young Chul LEE et al. Confirmation No: 9936  
Appl. No. : 10/630,746  
Filed : July 31, 2003  
Title : THREE DIMENSIONAL MULTILAYER RF MODULE HAVING  
AIR CAVITIES AND METHOD FABRICATING SAME

TC/A.U. : 1772  
Examiner : W. P. Watkins III

Docket No.: : LEEY3017/REF  
Customer No: : 23364

**INFORMATION DISCLOSURE STATEMENT**

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to Rule 37 C.F.R. §1.51(b), §1.56, §1.97, and §1.98, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified is submitted herewith.

This Information Disclosure Statement is submitted after the earlier of the mailing date of a final rejection or Notice of Allowance sent in this application but before payment of the Issue Fee. The certification required under 37 C.F.R. §1.97(e) is submitted separately or below.

Appl. No. 10/630,746  
IDS dated: January 4, 2006

### CERTIFICATION

It is hereby certified that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees required or credit any overpayments in connection with this paper to Deposit Account No. 02-0200.

Respectfully submitted,

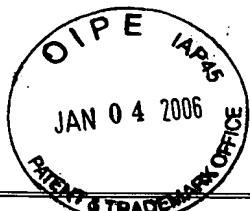
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REF:kdd  
IDS.wpd

January 4, 2006



Sheet 1 of 1

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| <p>B/O Form PTO-1449<br/>U. S. Department of Commerce<br/>Patent and Trademark Office<br/>Information Disclosure Statement by<br/>Applicant</p> | Atty. Docket Number<br><b>LEEY3017/REF</b> | Serial Number<br><b>10/630,746</b> |
|   | Applicant<br><b>Young Chul Lee et al.</b>  |                                    |
|   | Filing Date<br><b>07/31/2003</b>           | Group<br><b>1772</b>               |

### U.S. Patent Documents

| Examiner Initial |  | Document Number | Date | Patentee/Applicant | Class | Subclass | Filing Date if Appropriate |
|------------------|--|-----------------|------|--------------------|-------|----------|----------------------------|
|                  |  |                 |      |                    |       |          |                            |
|                  |  |                 |      |                    |       |          |                            |
|                  |  |                 |      |                    |       |          |                            |
|                  |  |                 |      |                    |       |          |                            |

### Foreign Patent Documents

| Examiner Initial |  | Document Number                     | Publication Date | Country/Agency | Class | Subclass | Translation |    |
|------------------|--|-------------------------------------|------------------|----------------|-------|----------|-------------|----|
|                  |  |                                     |                  |                |       |          | Yes         | No |
|                  |  | 01-196191<br>(w/English abstract)   | 08/07/1989       | JP             |       |          |             | X  |
|                  |  | 05-022005<br>(w/English abstract)   | 01/29/1993       | JP             |       |          |             | X  |
|                  |  | 06-061370<br>(w/English abstract)   | 03/04/1994       | JP             |       |          |             | X  |
|                  |  | 09-237854<br>(w/English abstract)   | 09/09/1997       | JP             |       |          |             | X  |
|                  |  | 03-158002<br>(w/English abstract)   | 07/08/1991       | JP             |       |          |             | X  |
|                  |  | 05-102342<br>(w/English abstract)   | 04/23/1993       | JP             |       |          |             | X  |
|                  |  | 2002-198647<br>(w/English abstract) | 07/12/2002       | JP             |       |          |             | X  |

### Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

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| Examiner | Date Considered |
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.